

# BOLLO EXTRA ROLLS BP • SM • SF

## BOLLO EXTRA ROLLS



3355

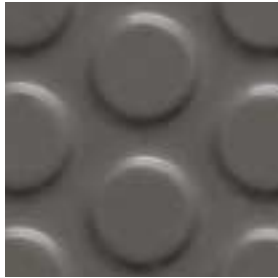


2885

Classic studded product produced in rolls.  
Suitable for corridors, platforms and  
suggested any time roll goods are preferred.



## BP

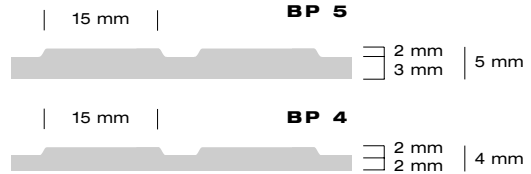


206 GREY

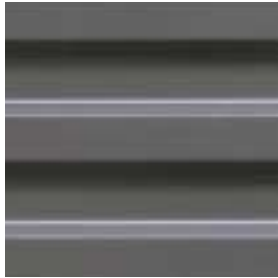


208 BLACK

Suitable to high traffic.  
Extensively used on means of transports  
(urban busses, trains, trams and metro).



## SM



206 GREY



208 BLACK

Heavy traffic product for corridors,  
ramps, stairs.  
Used mainly on means of transport  
(trams and metro).



## SF

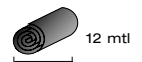
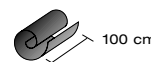
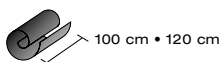


206 GREY



208 BLACK

Medium and high traffic product for  
industrial use or means of transport.



# TECHNICAL DATA

ISSUED IN ACCORDANCE WITH THE NORM UNI EN 12199

GENERAL REQUIREMENTS	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS				
				Bollo Extra Rolls	BP 4 mm	BP 5 mm	SM 5 mm	SF
<b>Thickness</b>	UNI EN 428	mm	2,3 ÷ 2,7	2,5	-	-	-	-
			2,8 ÷ 3,2	-	-	-	3	
			3,8 ÷ 4,2	-	4	-	-	
			4,8 ÷ 5,2	-	-	5	5	
<b>Dimensional stability</b>	UNI EN 434	%	≤ 0,4	0,3	0,3	0,25	0,25	0,35
<b>Tear strength</b>	ISO 34-1 method B Procedure A	N/mm	≥ 20	40	30	30	35	35
<b>Cigarette heat resistance</b>	UNI EN 1399	class	method A ≥ 4 method B ≥ 3			method A ≥ 4 method B ≥ 3		
<b>Flexibility</b> (mandrel diameter 20 mm)	UNI EN 435 method A	-	no fissuring			no fissuring		
<b>Hardness</b>	ISO 7619	Shore A	≥ 75	93	78	78	80	80
<b>Residual indentation</b> (after static loading)	UNI EN 433	mm	≤ 0,20	0,08	-	-	-	-
			≤ 0,25	-	0,18	0,2	-	-
<b>Abrasion resistance</b>	ISO 4649 method A 5 N load	mm <sup>3</sup>	≤ 250	130	200	200	160	160
<b>Colour fastness to artificial light</b>	EN 20105-B02 method 3	grade	blue scale ≥ 6 grey scale ≥ 3			in conformity		
<b>Classification</b>	UNI EN 685	class	-	Bollo Extra Rolls • SF: 21-23/31-32/41 BP • SM: 21-23/31-34/41-43				

ESSENTIAL REQUIREMENTS	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS				
				Bollo Extra Rolls	BP 4 mm	BP 5 mm	SM 5 mm	SF
<b>Fire behaviour</b>	UNI 8457 UNI 9174	class	CLASS 2			CLASS 1		
<b>Fire behaviour</b>	DIN 4102	class	CLASS B2			CLASS B1		
<b>Anti-slip characteristics</b>	DIN 51130	grade	-			R9		
<b>Improvement in footfall sound absorption</b>	DIN 52210 ISO 140 / VIII	dB	-	8	15	17	16	11
<b>Heat transfer resistance</b>	DIN 52612-2	m <sup>2</sup> K/W	-	0,0093	0,015	0,019	0,019	0,011
<b>Thermal conductivity</b>	DIN 52612-1	W/mK	-	0,27	0,27	0,27	0,27	0,27

OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS				
				Bollo Extra Rolls	BP 4 mm	BP 5 mm	SM 5 mm	SF
<b>Electrical resistance</b>	UNI EN 1081	Ohm	-			≥ 10 <sup>10</sup>		
<b>Electrostatic propensity</b>	UNI EN 1815	kV	-			antistatic: < 2		
<b>Effect of stains</b>	UNI EN 423	-	-			not affected		
<b>Effect of castor chair</b>	UNI EN 425	-	no surface change except dullness	suitable with wheels type W	-	-	-	-
<b>Effect of simulated movement of a furniture leg</b>	UNI EN 424	-	-	suitable	-	-	-	-

Mondo reserves the right to change product characteristics at any time.